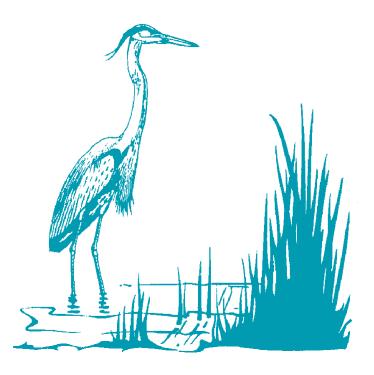
#### **Soil Conservation**

Soil that erodes annually from Indiana's landscape would fill enough full size pickups to reach the moon—and return!

The Division of Soil Conservation helps landowners keep soil and nutrients in place and productive.

Control of soil and water runoff can increase profits for farms and developments, decrease food costs, reduce flood damage, and improve water quality for humans and wildlife.



## A Lake is a Reflection of its Watershed

A watershed is the land area that drains into a particular body of water - such as a wetland, stream or lake.

Soil erosion, excess fertilizer, and uncontrolled runoff from watersheds around lakes and rivers impairs recreational use, destroys fish and wildlife habitat, reduces flood control capacity, and pollutes drinking water supplies.

The LARE Program enhances and protects water quality in Indiana's lakes and rivers!

#### **Lake and River Enhancement**

The Lake and River Enhancement Program (LARE) provides technical support and funding for lake and watershed studies, agricultural practices to improve water quality, constructed wetlands to reduce soil erosion and nutrient runoff, and related watershed projects.

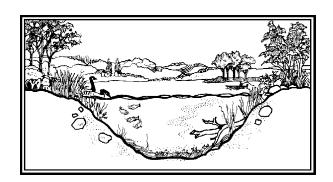
Since 1987, over 140 lakes and 45 watersheds in 42 counties have benefited from the \$830,000 a year in grant and costshare assistance that is generated by a state-collected \$5 annual boat fee.

## Restoration and Protection of Lake Manitou

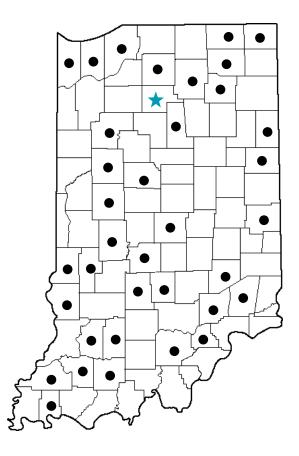
Legend tells of a sea monster that lived in the depths of Lake Manitou and swallowed boats that tried to traverse the lake. Today, the "monsters" threatening boaters are sediments and excess nutrients that enter the lake from residential development and farm fields around Rochester.

The Lake Manitou Association and the Fulton County Soil and Water Conservation District (SWCD) combined funding from the LARE program and other sources to study problems in the lake, protect inlet streams from erosion with grassed waterways, and design and construct several wetlands and sediment basins.

Working together, farmers and lakefront property owners can prevent the soil erosion and chemical runoff "monster" from over-whelming Lake Manitou by supporting local watershed projects, controlling runoff on development sites and farm fields, applying fertilizers only as needed, and protecting existing wetlands around inlet streams.



# Lake And River Enhancement Project Sites



- Each dot represents a county containing one or more LARE Projects.
- Lake Manitou is located in Ripley County – represented by a star.

#### You Can Get Involved!

For more information, please contact:

#### **IDNR Division of Soil Conservation**

402 West Washington Street, Room W265 Indianapolis, IN 46204-2739 (317) 233-3870 www.dnr.state.in.us/soilcons/index.html

# **Fulton County Soil and Water Conservation District**

1252 E 100 S, Suite D Rochester, IN 46975-1317 (219) 223-3220

#### Lake Manitou Association

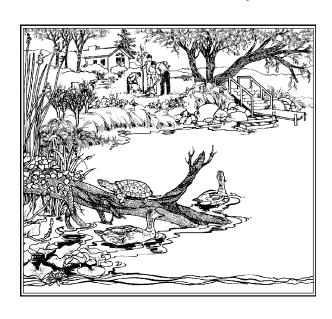
2327 Westside Drive Rochester, IN 46975 (219) 223-4737



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# Lake And River Enhancement Program

Lake Manitou Fulton County



# Indiana Department of Natural Resources

Division of Soil Conservation